

## **AMENDMENTS TO THE SPECIFICATION**

Please replace the paragraph beginning at **page 3, line 7**, and insert the following rewritten paragraph:

To design the two-dimensional array radiation detection section as a compact size, the LSI chip 9 on which charge detection amplifiers and a gate driver are integrated is not separately shielded and is often used in a state in which it is exposed or is only resin-molded. Therefore, the radiation detection section is housed in a conductive cabinet 102 made of metal or a carbon material for use. Thus, it is a common practice to house the radiation detection section in the cabinet for use ~~(JP-A-2000-214352)~~ (JP-A-2002-214352).